

Amendments to Claims

~~2.——A method according to claim 1, wherein the first polyamide has a titanium dioxide content less than 0.1% and preferably less than 0.01% by weight and the second polyamide has a titanium dioxide content greater than 0.3% and preferably greater than 1.0% by weight.~~

~~3.——A method according to claim 1 or 2, wherein the first polyamide and the second polyamide have different dyeing characteristics with anionic dyes or cationic dyes.~~

~~4.——A method according to claim 3, wherein the first polyamide and the second polyamide differ by at least 8 mols per 10^6 g in the concentration of amine end groups (AEG).~~

~~5.——A method according to any preceding claim, wherein the first polyamide is a cationic dye polyamide and the second polyamide is an anionic dye polyamide.~~

~~6.——A method according to any preceding claim, wherein the filaments of the first polyamide and the filaments of the second polyamide in the product yarn exhibit a difference of at least 10% in their boiling water shrinkage values as hereinbefore defined.~~

~~7.——A method according to any preceding claim, wherein the amine component of the first polyamide comprises hexamethylene diamine and the second polyamide is a copolymer in which the amine component consists comprises a mixture of hexamethylene diamine with at least 20% by weight of methyl pentamethylene diamine based on the total weight of diamine.~~

~~8.——A method according to any preceding claim, wherein one of the said groups of filaments is has a circular filament cross section and the other of the said groups of filaments has a non-circular filament cross section.~~

~~9. — A method according to claim 8, wherein the non-circular filaments have an individual filament decitex of greater than 2.5 and the circular filaments have individual decitex less than 2.~~

~~10. — A method according to claim 9, wherein the non-circular filaments are trilobal with modification ratio greater than 1.2 and less than 2.4.~~

~~11. — A method according to any preceding claim, wherein the first group of filaments is bright and trilobal with filament decitex greater than 2.5, modification ratio between 1.4 and 1.7 and made with basic dye polymer and the second group of filaments is dull and circular with filament decitex less than 2 and made with acid dye polymer.~~

~~12. — A method according to any preceding claim, further comprising the step of texturing the mixed polyamide yarn by false twist texturing or airjet texturing.~~

~~13. — A method according to any preceding claim, wherein the yarn is wound up at a speed of at least 3000m/min~~

~~14. — A method according to claim 13, wherein the yarn is wound up substantially without an intermediate drawing step, whereby the yarn is a partially oriented yarn (POY).~~

~~15. — A method according to claim 13, wherein the yarn undergoes an intermediate drawing step before it is wound up.~~

~~16. — A method according to any preceding claim, wherein the yarn has a tenacity of from about 25 to about 65 cN/tex and an elongation to break of from about 20 to about 90%.~~

~~17. — A mixed polyamide yarn obtainable by a method according to any preceding claim comprising a first group of filaments of a first polyamide interlaced with a second group of filaments of a second polyamide different from the first polyamide.~~

~~18. — A mixed polyamide yarn according to claim 17 which is a flat yarn.~~

~~19. — A mixed polyamide yarn according to claim 17 which is a textured yarn.~~

~~20. — A textile fabric comprising a yarn according to claim 17, 18 or 19.~~

~~21. — A textile fabric according to claim 20 which has been dyed with an anionic dyestuff.~~

~~22. — A textile fabric according to claim 20 which has been dyed with both cationic and anionic dyestuffs.~~

~~23. — A garment comprising a fabric according to claim 20, 21 or 22 in a visible portion thereof.~~

24. A method according to claim 1, wherein the first polyamide has a titanium dioxide content less than 0.1% and the second polyamide has a titanium dioxide content greater than 0.3.

25. A method according to claim 24 wherein the first polyamide has a titanium dioxide content less than 0.01% by weight and the second polyamide has a titanium dioxide content greater than 1.0% by weight.

26. A method according to claim 24, wherein the first polyamide and the second polyamide have different dyeing characteristics with anionic dyes or cationic dyes.

27. A method according to claim 26 wherein the first polyamide and the second polyamide differ by at least 8 mols per 10^6 g in the concentration of amine end groups (AEG).

28. A method according to claim 24, wherein the first polyamide is a cationic-dye polyamide and the second polyamide is an anionic-dye polyamide.

29. A method according to claim 24, wherein the filaments of the first polyamide and the filaments of the second polyamide in the product yarn exhibit a difference of at least 10% in their boiling water shrinkage values as hereinbefore defined.

30. A method according to claim 24, wherein the amine component of the first polyamide comprises hexamethylene diamine and the second polyamide is a copolymer in which the amine component consists comprises a mixture of hexamethylene diamine with at least 20% by weight of methyl pentamethylene diamine based on the total weight of diamine.

31. A method according to claim 24, wherein one of the said groups of filaments is has a circular filament cross-section and the other of the said groups of filaments has a non-circular filament cross-section.

32. A method according to claim 31, wherein the non circular filaments have an individual filament decitex of greater than 2.5 and the circular filaments have individual decitex less than 2.

33. A method according to claim 32, wherein the non-circular filaments are trilobal with modification ratio greater than 1.2 and less than 2.4.

34. A method according to claim 24 wherein the first group of filaments is brighter than the second group of filaments and the first group of filaments is trilobal with filament decitex greater than 2.5, modification ratio between 1.4 and 1.7 and made with basic dye polymer and the second group of filaments is duller than the first group of filaments and is circular with filament decitex less than 2 and made with acid dye polymer.

35. A method, of claim 1, further comprising the step of texturing the mixed polyamide yarn by false twist texturing or airjet texturing.

36. A method according to claim 1, wherein the yarn has a tenacity of from about 25 to about 65 cN/tex and an elongation to break of from about 20 to about 90%.

37. A mixed polyamide yarn obtainable by a method according to claim 1 comprising a first group of filaments of a first polyamide interlaced with a second group of filaments of a second polyamide different from the first polyamide.

38. A polyamide mixed yarn simultaneously spun from a first group of filaments of a first polyamide and a second group of filaments of a second polyamide wherein the first and second groups of filaments are air interlaced and wherein the first polyamide contains less than 0.1% by weight titanium dioxide and the second polyamide contains more than 0.3% by weight titanium dioxide.

39. A textile fabric comprising the yarn of claim 38.

40. A garment comprising the textile fabric of claim 38.